

# **APPARATUS, SYSTEM, AND METHOD FOR MITIGATING ACCESS POINT DATA RATE DEGRADATION**

## **ABSTRACT OF THE DISCLOSURE**

A process, system, and apparatus are disclosed for mitigating access point data rate degradation with respect to a wireless communication between a wireless access point and a wireless client device. A channel assessment module is configured to assess the wireless communications, including interference signals, present on available wireless communications channels. The channel assessment module may establish quality parameters that at least partially describe the wireless communications quality of a given channel. A channel selection module is configured to select a best wireless communications channel based on the communications channel assessment. A channel connection module is configured to facilitate wireless communication between the wireless access point and the wireless client device on the best wireless communications channel.

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**KUNZLER & ASSOCIATES**  
ATTORNEYS AT LAW  
10 WEST 100 SOUTH, SUITE 450  
SALT LAKE CITY, UTAH 84101